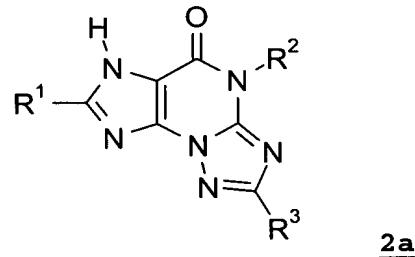


WHAT IS CLAIMED IS:

1. A pharmaceutical composition of matter comprising one or more anticholinergics and one or more PDE-IV inhibitors as active components of the pharmaceutical composition, wherein one or more of the active components may be an enantiomer, a mixture of enantiomers, a racemate, a solvate or an hydrate.
2. The pharmaceutical composition as recited in Claim 1 wherein the pharmaceutical composition further comprises a pharmaceutically acceptable excipient.
3. The pharmaceutical composition as recited in Claim 1 wherein the active components are present together in a single formulation.
4. The pharmaceutical composition as recited in Claim 1 wherein the active components are in at least two separate formulations.
5. The pharmaceutical composition as recited in Claim 1 wherein the anticholinergic is selected from the group consisting of one or more tiotropium salts, one or more oxitropium salts and one or more ipratropium salts.
6. The pharmaceutical composition as recited in Claim 5 wherein the anticholinergic is one or more tiotropium salts.
7. The pharmaceutical composition as recited in Claim 1 wherein one or more anticholinergic is present in the form of a chloride, bromide, iodide, methanesulphonate, paratoluene sulphonate or a methyl sulphate.
8. The pharmaceutical composition as recited in Claim 7 wherein one or more anticholinergics is present in the form of a bromide.

9. The pharmaceutical composition as recited in Claim 1 wherein one or more PDE-IV inhibitors is selected from among enprofylline, roflumilast, ariflo, Bay-198004, CP-325,366, BY343, D-4396 (Sch-351591), V-11294A, AWD-12-281 and the tricyclic nitrogen heterocycles of general formula 2a



wherein

R^1 denotes C_1-C_5 -alkyl, C_5-C_6 -cycloalkyl, phenyl, benzyl or a 5- or 6-membered, saturated or unsaturated heterocyclic ring which may contain one or two heteroatoms selected from among oxygen and nitrogen;

R^2 denotes C_1-C_5 -alkyl or C_2-C_4 -alkenyl;

R^3 denotes C_1-C_5 -alkyl which may optionally be substituted by C_1-C_4 -alkoxy, C_5-C_6 -cycloalkyl, phenoxy or a 5- or 6-membered, saturated or unsaturated heterocyclic ring which may contain one or two heteroatoms selected from among oxygen and nitrogen; C_5-C_6 -cycloalkyl or phenyl or benzyl optionally substituted by C_1-C_4 -alkoxy, optionally in the form of their racemates, their enantiomers, in the form of the diastereomers and the mixtures thereof, optionally in the form of their tautomers and optionally the pharmacologically acceptable acid addition salts thereof.

10. The pharmaceutical composition as recited in Claim 9 wherein one or more of the PDE-IV inhibitors is selected from among enprofylline, roflumilast, ariflo, AWD-12-281 and the tricyclic nitrogen heterocycles of general formula 2a.
11. The pharmaceutical composition as recited in Claim 1 wherein the weight ratio of the anticholinergic to the PDE-IV inhibitor is about 1:300 to about 50:1.
12. The pharmaceutical composition as recited in Claim 11 wherein the weight ratio of the anticholinergic to the PDE-IV inhibitor is about 1:250 to about 40:1.
13. The pharmaceutical composition as recited in Claim 1 in the form of a formulation suitable for inhalation.